

Remarks regarding the Amendments

The equivalent weights are properly calculated by the following method:

- Step 1: Determine molecular weight of each comonomer being used.
- Step 2: Determine mole ratio at which each comonomer is present in the polymer.
- Step 3: Multiply the molecular weight of each comonomer by its respective mole fraction and add the products.
- Step 4: Divide by the mole ratio at which acid functional comonomers are present.

Thus, for the examples in the specification.

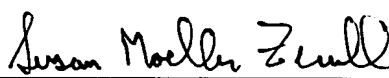
Step 1: The molecular weight of DVS-bisBCB is 390. The molecular weight of BCB-acrylic acid (the acid functional comonomer) is 174.

Step 2: The mole ratio of the monomers is set forth in the examples.

When steps 3 and steps 4 are completed the new equivalent weights set forth in the amended examples are obtained. For example, in Example 2: Step 3: $390 \times 0.25 + 174 \times 0.75 = 228$; Step 4: $228 / 0.75 = 304$ g/mole of acid functionality.

Thus, the amendments in the Examples present no new matter and eliminate inconsistency within the specification. Similarly, once the equivalent weight is correctly calculated it is clear that the upper limit for equivalent weight set forth in the paragraph beginning at column 2, line 15 was too low. Corrected upper limits of 570 and 440 are obtained by such calculations and find support at column 6, line 35 (e.g., preferred mole ratio of 50:50 of component (a) to (b)) and the corrected examples.

Respectfully submitted,



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